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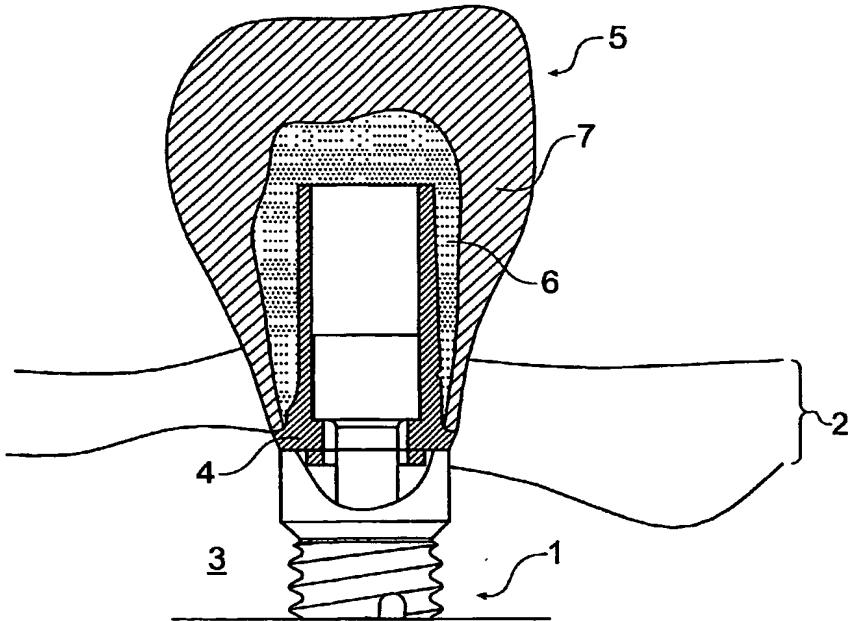
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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: **18 March 2004**

*[Continued on next page]***(54) Title: DENTAL ABUTMENT PLASTICS COPING****WO 2003/105710 A3**

(57) Abstract: There is described a prosthetic dental abutment plastics coping characterised in that the coping is not premounted and is anatomically resemblant to a tooth. There is also described a kit comprising a plurality of anatomical copings (proper blanks) and/or instruments included on spur and a method of preparing a dental prosthesis which comprises the use of such a kit.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/02578

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61C8/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | FR 2 669 210 A (SEGURA CLAUDE;BES CLAUDE) 22 May 1992 (1992-05-22) the whole document ----- | 1,14,30, 31,39 |
| A | US 5 417 568 A (GIGLIO GRAZIANO D) 23 May 1995 (1995-05-23) the whole document ----- | 1,14,30, 31,39 |
| A | US 2001/021498 A1 (OSORIO JULIAN ET AL) 13 September 2001 (2001-09-13) the whole document ----- | 1,14,30, 31,39 |
| A | FR 2 800 988 A (SEGURA CLAUDE) 18 May 2001 (2001-05-18) the whole document ----- | 1,14,30, 31,39 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

6 October 2003

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14.01.2004

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Vanrunxt, J.

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/GB 03/02578**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-49**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-49

Prosthetic abutment plastics coping, kit of parts comprising a selection of copings and method of preparing a dental prosthesis comprising the use of a kit

2. claim: 50

Method of preparing a dental prosthesis

3. claim: 51

Kit of parts comprising a selection of copings

4. claims: 52-55

Method of preparing a dental prosthesis

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PCT/GB 03/02578

| Patent document cited in search report | Publication date | Patent family member(s) | | Publication date |
|--|------------------|-------------------------|--|--|
| FR 2669210 | A 22-05-1992 | FR | 2669210 A1 | 22-05-1992 |
| US 5417568 | A 23-05-1995 | NONE | | |
| US 2001021498 | A1 13-09-2001 | US US AU WO | 6231342 B1 5989029 A 7601398 A 9902102 A1 | 15-05-2001 23-11-1999 08-02-1999 21-01-1999 |
| FR 2800988 | A 18-05-2001 | FR | 2800988 A1 | 18-05-2001 |